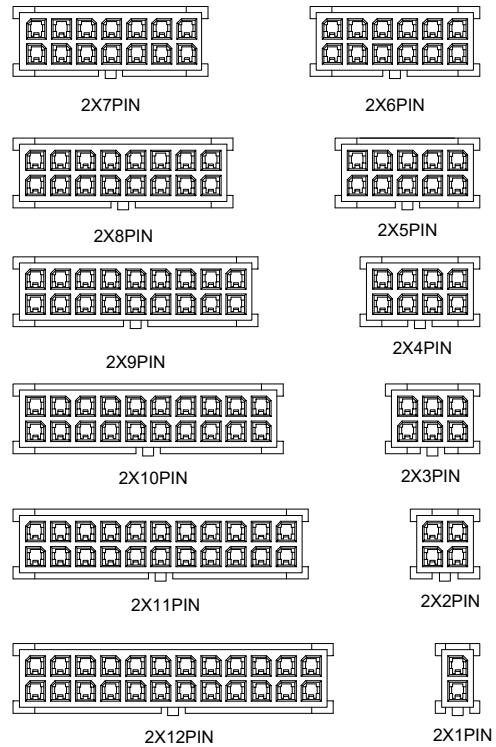
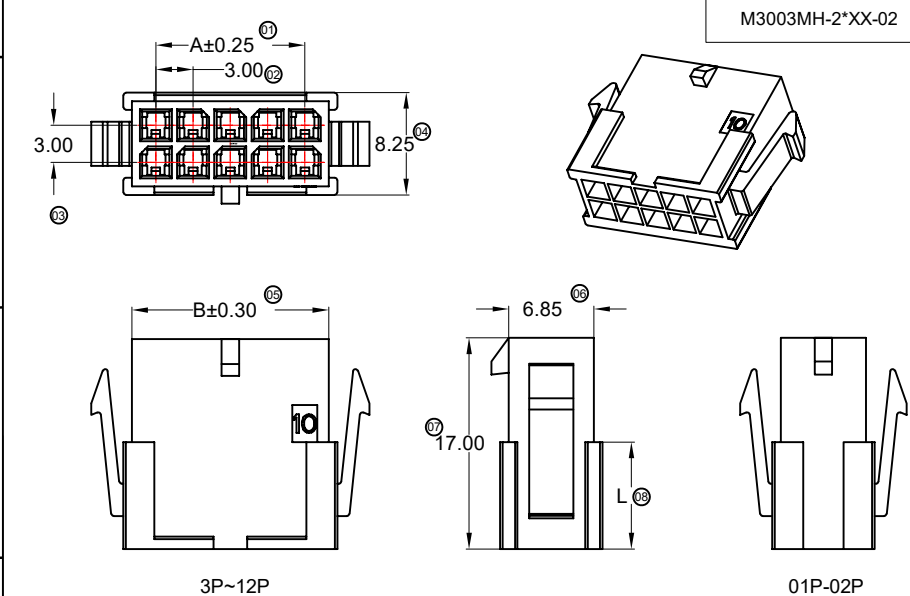
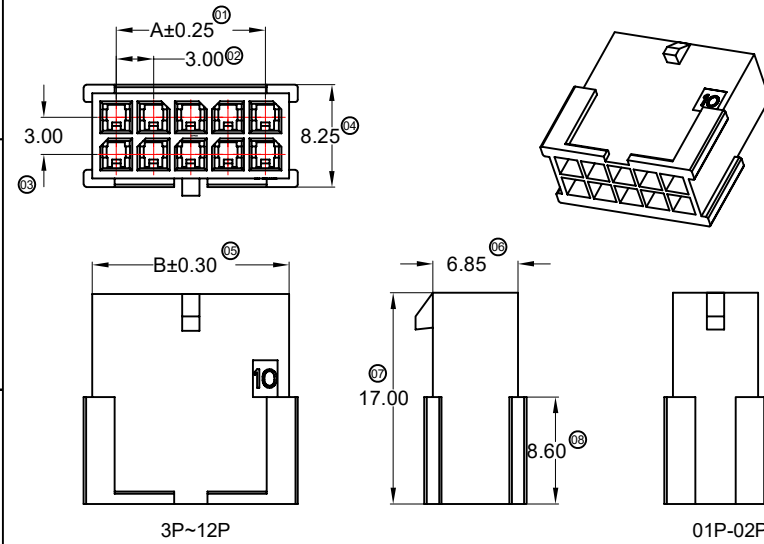


RoHS

M3003MH-2*XX-01



- Specifications(规格):
- Voltage rating(额定电压): 250V AC / DC
 - Current rating(额定电流): 5A AC / DC
 - Withstanding voltage(耐压值): 1000V AC/minute
 - Temperature range(工作温度): -40°C~+105°C
 - Insulation resistance(绝缘电阻): $\geq 1000M\Omega$
 - Contact resistance(接触电阻): $\leq 10m\Omega$
 - After environmental testing(环境测试后): $\leq 20m\Omega$

- Suitable Terminal: M3001TM
- Mates With Housing: M3003HM
- Halogen free

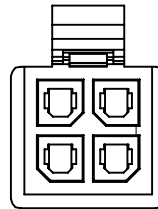
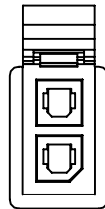
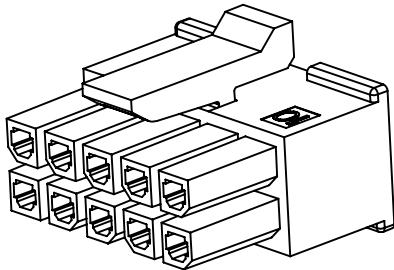
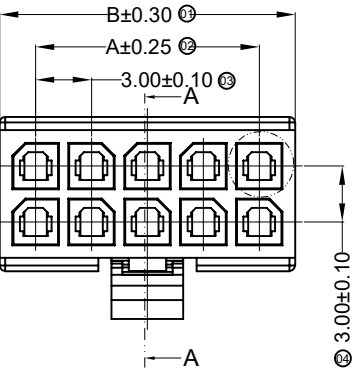
M 30 03 H F - 2xXX 66 B XX

- ① Letter: Molex
② Series No.: 3.00 MM
③ Code Name
④ Category H-Housing
⑤ F-Female
⑥ Row No.-Pin No: Dual Row, 2*2Pin~2*12Pin
⑦ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
⑧ Color: N-White, R-Red, B-Black, L-Blue
⑨ Plug the Pin & special No.:
Without Ears
With Ears, L=8.60mm
With Ears, L=9.60mm

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
2*01		3.85	2*07	18.00	21.85
2*02	3.00	6.85	2*08	21.00	24.85
2*03	6.00	9.85	2*09	24.00	27.85
2*04	9.00	12.85	2*10	27.00	30.85
2*05	12.00	15.85	2*11	30.00	33.85
2*06	15.00	18.85	2*12	33.00	36.85

							GENERAL TOLERANCE		东莞市翰皓精密电子有限公司				PART NO.	
							.X ±0.30		DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				M3003HF-2xXX	
							.XX ±0.20		TITLE				3.00 mm Crimp Style Connectors	
							.XXX ±0.10		APPROVAL				UNIT	
DATE				OLD REV			PROJECT		XU				SCALE	
NEW REV				ECN			DESCRIPTION		L.Q.F				NUMBER	
							CHECK		LI				REV	
							APPROVAL		2025/05/29				A	

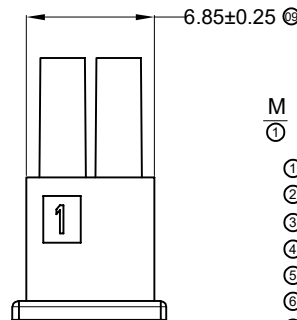
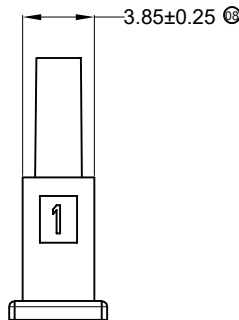
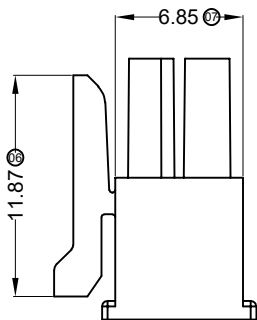
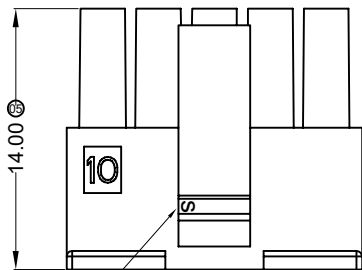
RoHS



Specifications(规格):

- Voltage rating(额定电压): 250V AC / DC
- Current rating(额定电流): 5A AC / DC
- Withstanding voltage(耐压值): 1000V AC/minute
- Temperature range(工作温度): -40°C~+105°C
- Insulation resistance(绝缘电阻): ≥1000MΩ
- Contact resistance(接触电阻): ≤10mΩ
- After environmental testing(环境测试后): ≤20mΩ

- Suitable Terminal: M3001TF
- Mates With Wafer: M3003WRS,M3003WVS
- Halogen free

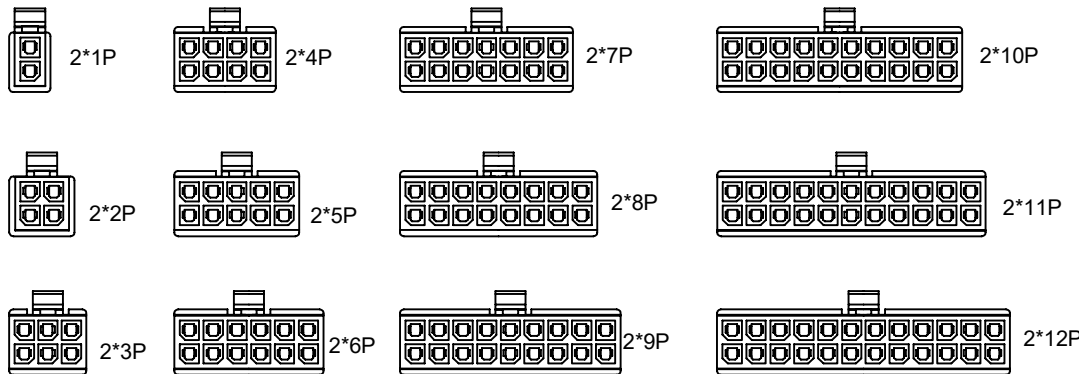


2*01P

2*02P

M 30 03 H M - 2xXX 66 B
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

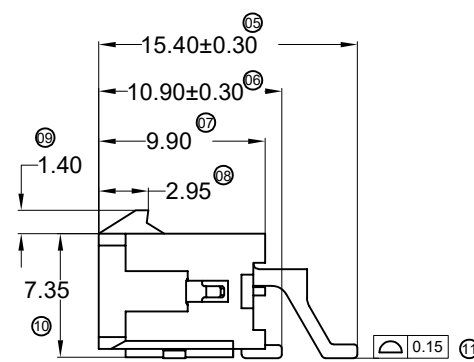
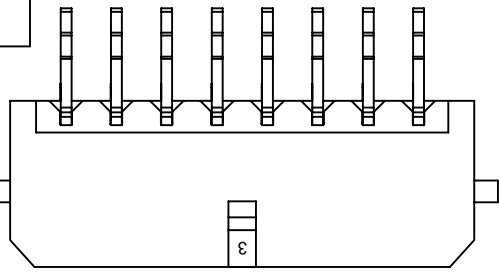
- ① Letter: Molex
- ② Series No.: 3.00 MM
- ③ Code Name
- ④ Category H-Housing
- ⑤ M-Male
- ⑥ Row No.-Pin No: Dual Row, 2Pin~12Pin
- ⑦ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
- ⑧ Color: N-White, R-Red, B-Black, L-Blue



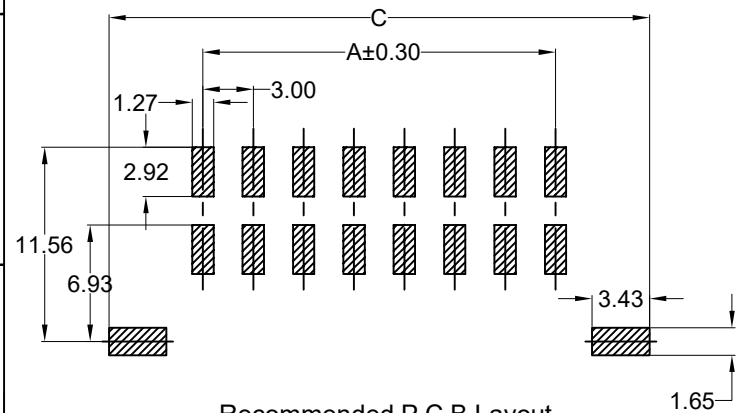
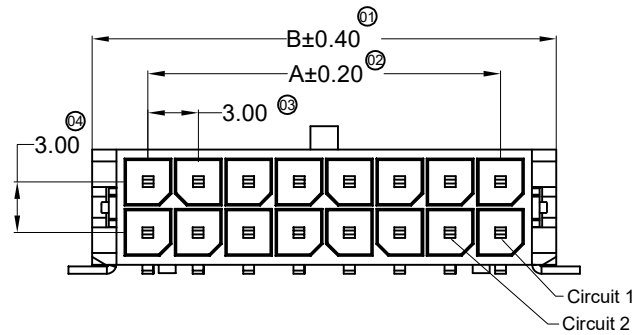
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
2*01			2*07	18.00	21.85
2*02	3.00		2*08	21.00	24.85
2*03	6.00	9.85	2*09	24.00	27.85
2*04	9.00	12.85	2*10	27.00	30.85
2*05	12.00	15.85	2*11	30.00	33.85
2*06	15.00	18.85	2*12	33.00	36.85

							GENERAL TOLERANCE		东莞市翰皓精密电子有限公司				PART NO.			
							.X ±0.30		DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				M3003HM-2xXX			
							.XX ±0.20		APPROVAL				TITLE			
							.XXX ±0.10		CHECK				3.00 mm Crimp Style Connectors			
							PROJECT		DRAWN				UNIT			
							APPROVAL		DATA				SCALE			
							DATE		XU				NUMBER			
							OLD REV		L.Q.F				REV			
							NEW REV		LI				A			
							ECN		2025/05/29				A-198			
							DESCRIPTION									
							CHECK									
							APPROVAL									

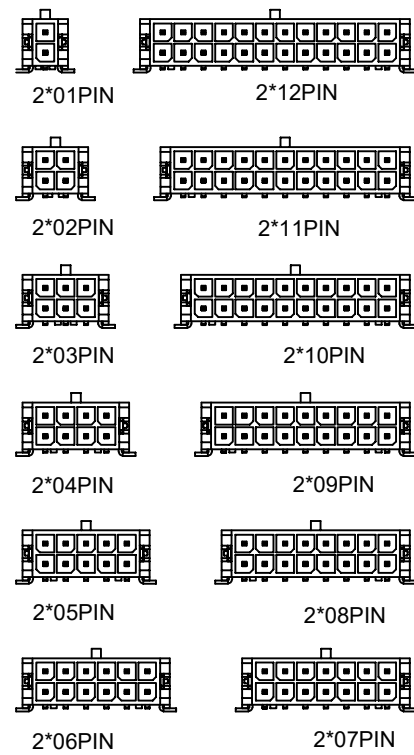
RoHS



- Specifications(规格):
- Voltage rating(额定电压): 250V AC / DC
 - Current rating(额定电流): 5A AC / DC
 - Withstanding voltage(耐压值): 1000V AC/minute
 - Temperature range(工作温度): -40°C~+105°C
 - Insulation resistance(绝缘电阻): ≥1000MΩ
 - Contact resistance(接触电阻): ≤10mΩ
 - After environmental testing(环境测试后): ≤20mΩ



Recommended P.C.B Layout
General Tolerance±0.05



M 30 03 W R S - 2xXX LP B B XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

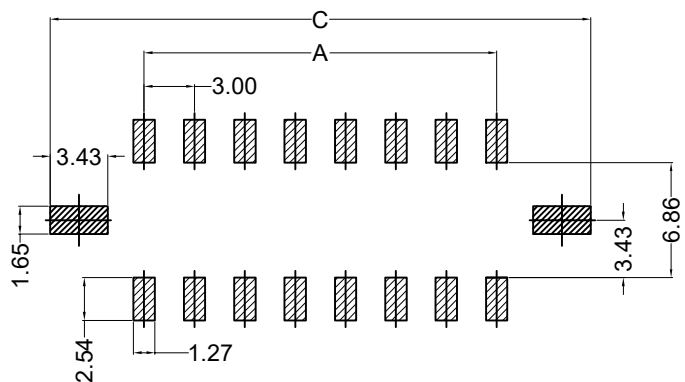
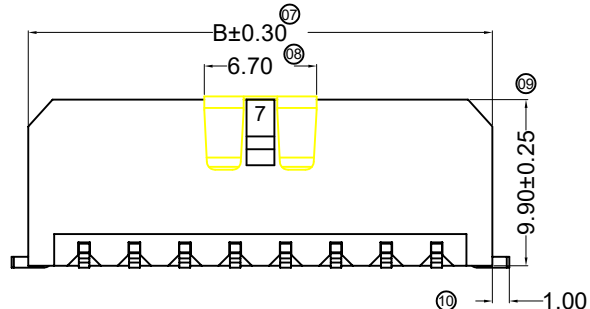
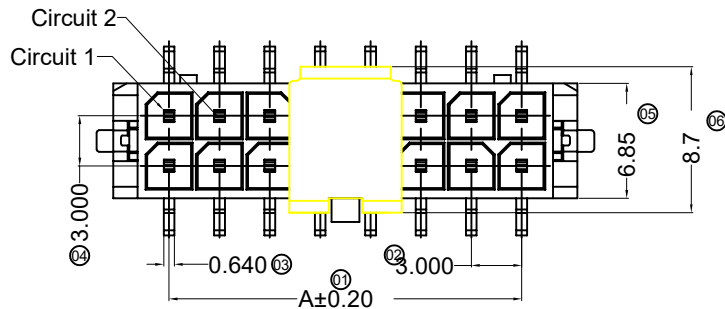
- ① Letter: Molex
② Series No.: 3.00 MM
③ Code Name
④ Category: W-Wafer
⑤ Welding Board Angle: R-Right Angle 90°
⑥ Welding form: S-SMT
⑦ Row No.-Pin No: Dual Row;2Pin~12PIN
⑧ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
⑨ Color: N-White, R-Red, B-Black, L-Blue
⑩ Metallic Material: B-Brass(Pin and Solder Tabs)
⑪ Plating Category: Matte Tin plating
15u" Gold on Contact
30u" Gold on Contact

Poles	Dimensions(mm)		
	A	B	C
2*01		6.65	11.20
2*02	3.00	9.65	14.20
2*03	6.00	12.65	17.20
2*04	9.00	15.65	20.20
2*05	12.00	18.65	23.20
2*06	15.00	21.65	26.20
2*07	18.00	24.65	29.20
2*08	21.00	27.65	32.20
2*09	24.00	30.65	35.20
2*10	27.00	33.65	38.20
2*11	30.00	36.65	41.20
2*12	33.00	39.65	44.20

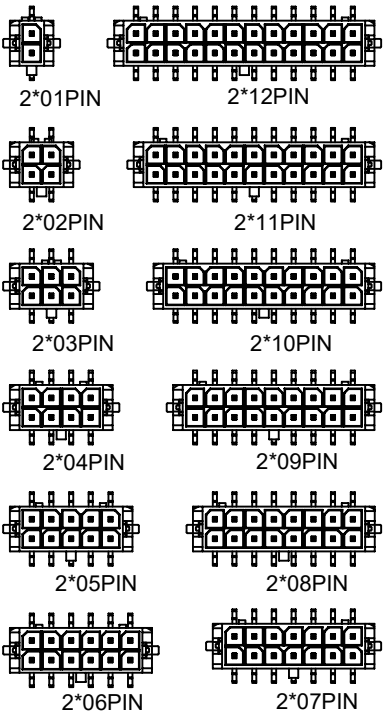
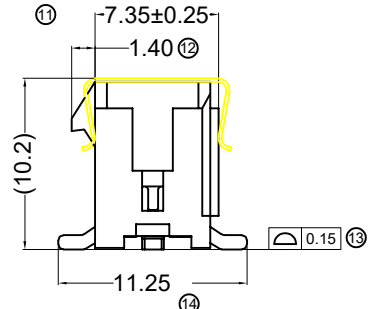
							GENERAL TOLERANCE	东莞市翰皓精密电子有限公司			
							.X ±0.30	DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD			
							.XX ±0.20				
							.XXX ±0.10				
							PROJECT	APPROVAL	CHECK	DRAWN	DATA
							PROJECT	XU	L.Q.F	LI	2025/06/02
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL					

PART NO.			
M3003WRS-2xXX			
TITLE			
3.00 mm Crimp Style Connectors			
UNIT	SCALE	NUMBER	REV
MM	1 : 1	A-198	A

RoHS



Recommended P.C.B Layout
General Tolerance±0.05



- Specifications(规格):
- Voltage rating(额定电压): 250V AC / DC
 - Current rating(额定电流): 5A AC / DC
 - Withstanding voltage(耐压值): 1000V AC/minute
 - Temperature range(工作温度): -40°C~+105°C
 - Insulation resistance(绝缘电阻): ≥1000MΩ
 - Contact resistance(接触电阻): ≤10mΩ
 - After environmental testing(环境测试后): ≤20mΩ

M 30 03 W V S - 2xXX LP B B XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Letter: Molex
② Series No.: 3.00 MM
③ Code Name
④ Category: W-Wafer
⑤ Welding Board Angle: V-Straight 180°
⑥ Welding form: S-SMT
⑦ Row No.-Pin No: Dual Row;2Pin~12PIN
⑧ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
⑨ Color: N-White, R-Red, B-Black, L-Blue
⑩ Metallic Material: B-Brass(Pin and Solder Tabs)(C2680)
⑪ Plating Category:
Matte Tin plating
Contact Area Au 30u" Min;Solder Area
Sn 100u"min; Ni 50u" Min
Contact Area Au 15u" Min;Solder Area
Sn 100u"min; Ni 50u" Min

Poles	Dimensions(mm)		
	A	B	C
2*01	---	6.65	11.20
2*02	3.00	9.65	14.20
2*03	6.00	12.65	17.20
2*04	9.00	15.65	20.20
2*05	12.00	18.65	23.20
2*06	15.00	21.65	26.20
2*07	18.00	24.65	29.20
2*08	21.00	27.65	32.20
2*09	24.00	30.65	35.20
2*10	27.00	33.65	38.20
2*11	30.00	36.65	41.20
2*12	33.00	39.65	44.20

							GENERAL TOLERANCE	东莞市翰皓精密电子有限公司				PART NO. M3003WVS-2xXX			
							.X ±0.30 .XX ±0.20 .XXX ±0.10	DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				TITLE 3.00 mm Crimp Style Connectors			
								APPROVAL	CHECK	DRAWN	DATA				
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT 	XU	L.Q.F	LI	2025/06/02	UNIT MM	SCALE 1 : 1	NUMBER A-198	REV A